IN THE SPECIFICATION:

Please replace the paragraph beginning on page 44 line 24 with the following amended paragraph:

Plasmid pCR.Bgl-GFP-Bam (Figure 5) comprises an internal region of the GFP open reading frame derived from plasmid pEGFP-N1 MCS (Figure 1) placed operably under the control of the lacZ promoter. To produce this plasmid, a region of the GFP open reading frame was amplified from pEGFP-N1 MCS using the amplification primers Bgl-GFP (SEQ ID NO: 1) and GFP-Bam (SEQ ID NO: 2) and cloned into plasmid pCR2.1. The internal GFP-encoding region in plasmid pCR.Bgl-GFP-Bam lacks functional translational start and stop codons.

Please replace the paragraph beginning on page 45 line 15 with the following amended paragraph:

Plasmid pCR.SV40L (Figure 8) comprises the SV40 late promoter derived from plasmid pSVL (GenBank Accession No. U13868; Pharmacia), cloned into pCR2.1 (Stratagene). To produce this plasmid, the SV40 late promoter was amplified using the primers SV40-1 (SEQ ID NO: 3) and SV40-2 (SEQ ID NO: 4) which comprise Sal I cloning sites to facilitate sub-cloning of the amplified DNA fragment into pCMV.cass. The primer also contains a synthetic poly (A) site at the 5' end, such that the amplicification product comprises the synthetic poly(A) site at the 5' end of the SV40 promoter sequence.

Please replace the paragraph beginning on page 45 line 24 with the following amended paragraph:

The BEV RNA-dependent RNA polymerase coding region was amplified as a 1,385 bp DNA fragment from a full-length cDNA clone encoding same, using primers designated BEV-1 (SEQ ID NO: 5) and BEV-2 (SEQ ID NO: 6), under standard amplification conditions. The amplified DNA contained a 5'-Bgl 11 restriction enzyme site, derived from the BEV-1 primer sequence and a 3'BamHI restriction enzyme site, derived from the BEV-2 primer sequence. Additionally, as the BEV-1 primer sequence contains a

translation start signal 5'-ATG-3' engineered at positions 15-17, the amplified BEV polymerase structural gene comprises the start site in-frame with BEV polymerase-encoding nucleotide sequences, Thus, the amplified BEV polymerase structural gene comprises the ATG start codon immediately upstream (ie. juxtaposed) to the BEV polymerase-encoding sequence. There is no translation stop codon in the amplified DNA. This plasmid is present as Figure 9.

Please replace the paragraph beginning on page 46 line 17 with the following amended paragraph:

A non-translatable BEV polymerase structural gene was amplified from a full-length BEV polymerase cDNA clone using the amplification primers BEV-3 (SEQ ID NO: 7) and BEV-4 (SEQ ID NO: 8). Primer BEV-4 comprises a BglII cloning site at positions 5-10 and sequences downstream of this BglII site are homologous to nucleotide sequences of the BEV polymerase gene. There is no functional ATG start codon in the amplified DNA product of primers BEV-3 and BEV-4. The BEV polymerase is expressed as part of a polyprotein and, as a consequence, there is no ATG translation start site in this gene. The amplified DNA was cloned into plasmid pCR2.1 (Stratagene) to yield plasmid pCR.BEV.3 (FIG. 11).

Please replace paragraphs beginning on page 57 line 12 with the following amended paragraphs:

NOS 5' (forward primer; SEQ ID NO: 9[[??]])
5'-GGATTCCCGGGACGTCGCGAATTTCCCCCGATCGTTC-3'; and

NOS 3' (reverse primer SEQ ID NO: 10[[??]]))
5'-CCATGGCCATATAGGCCCGATCTAGTAACATAG-3'

Please replace paragraphs beginning on page 57 line 28 with the following amended paragraphs:

SCBV 5': 5'-CCATGGCCTATATGGCCATTCCCCACATTCAAG-3' (SEQ ID NO: 11); and

SCBV 3': 5'-AACGTTAACTTCTACCCAGTTCCAGAG-3' (SEQ ID NO: 12).

Please replace paragraphs beginning on page 60 line 9 with the following amended paragraphs:

LNYV 1: 5'-ATGGGATCCGTTATGCCAAGAAGAAGGA-3' (SEQ ID NO: 13); and

LNYV 2: 5'-TGTGGATCCCTAACGGACCCGATG-3' (SEQ ID NO: 14).

Please replace paragraphs beginning on page 66 line 10 with the following amended paragraphs:

PVY1:

5'-TAATGAGGATGATGTCCCTACCTTTAATTGGCAGAAATTTCTGTGGA
AAGACAGGGAAATCTTTCGGCATTT-3' (SEQ ID NO: 15); and

PVY2:

5'-TTCTGCCAATTAAAGGTAGGGACATCATCCTCATTAAAATGCCGAAA
GATTTCCCTGTCTTTCCACAGAAAT-3' (SEQ ID NO: 16).